

UNITED STATES PATENT AND TRADEMARK OFFICE

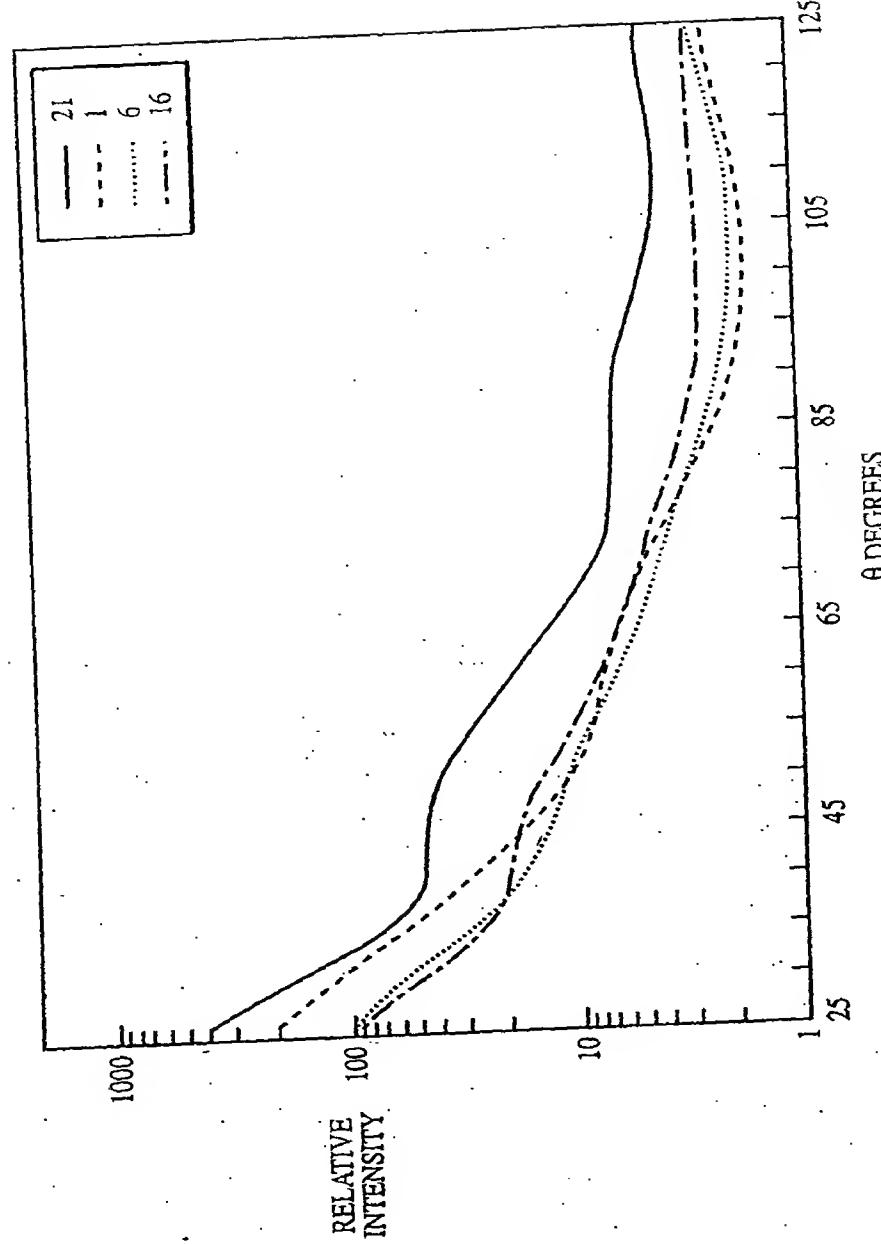


Fig. 1

Title: Methods, Compositions and Kits for Biological
Indicator of Sterilization Inventors: Ira C. Celi
Falkner, et al. Appln. No.: 10/091,260
Atty Docket No. 61-215 Cusl No. 000570

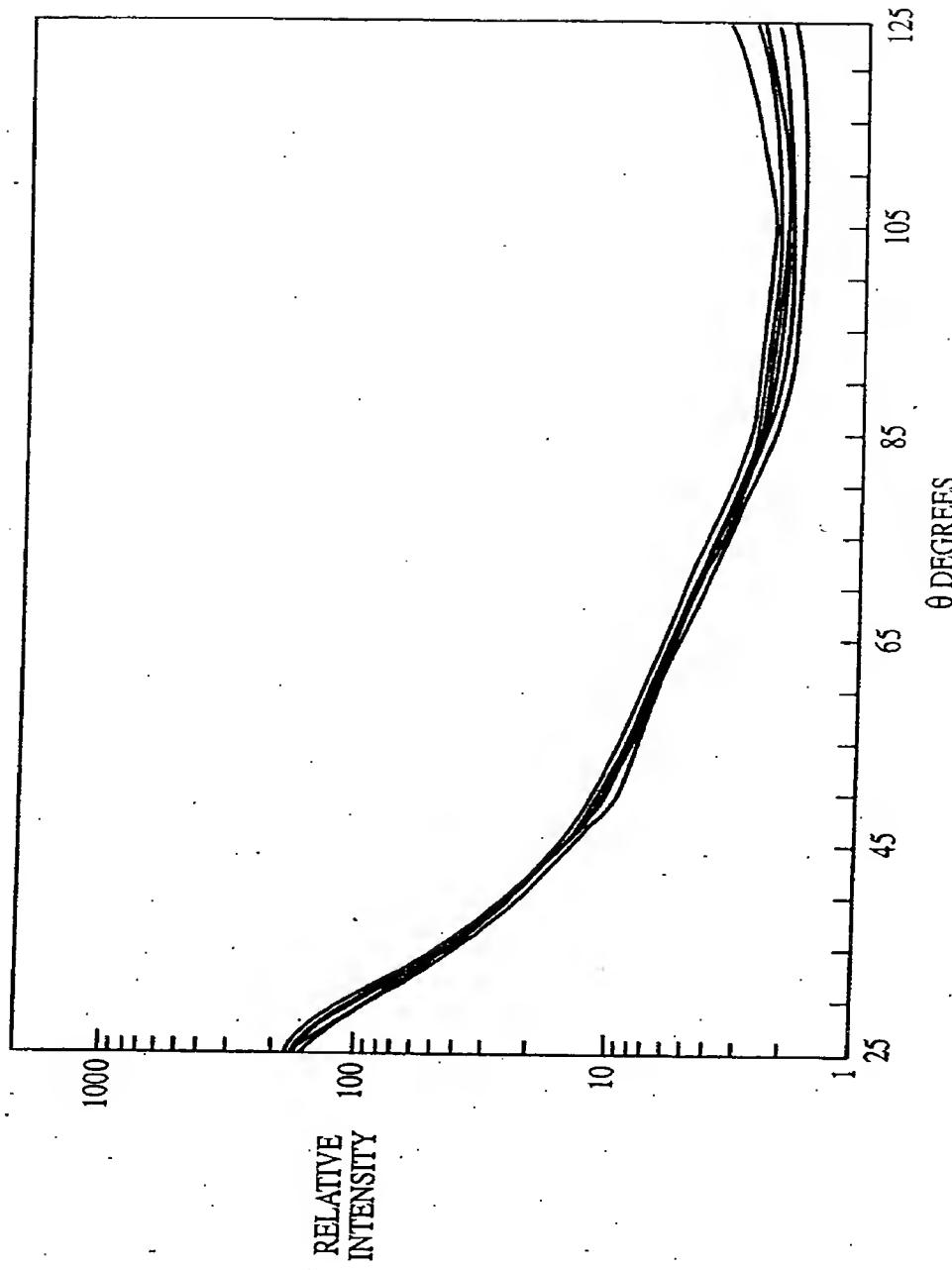


Fig. 2

Title: Methods, Compositions and Kits for Biological
Indicator of Sterilization Inventors: Ira Ceci
Fekkane, et al. Appln. No.: 10/091,260
Atty Docket No. 61-245 Cust. No. 000570

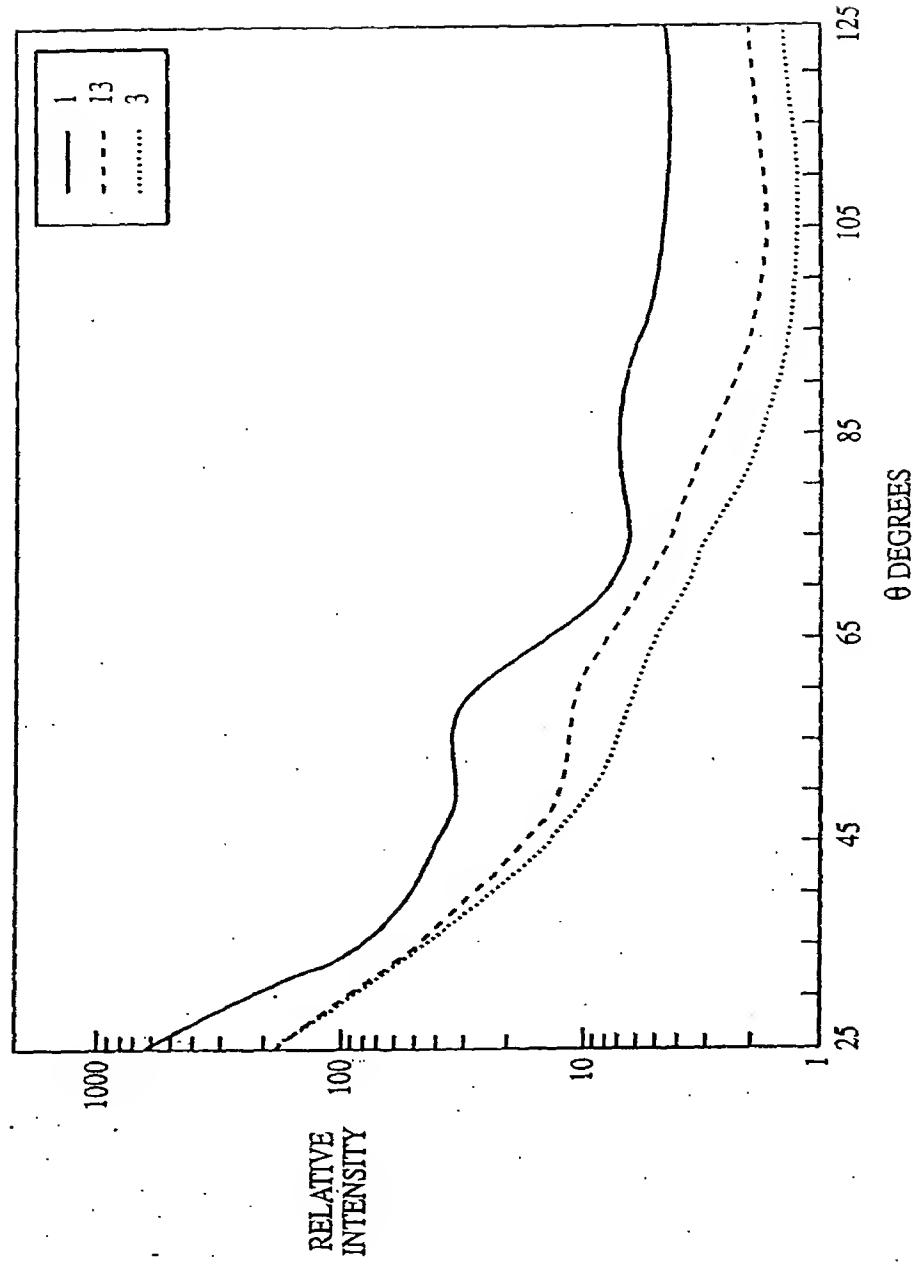


Fig. 3

Title: Methods, Compositions and Kits for Biological Indication of Sterilization Inventors: Ira Ceci, Feikner, et al. Appln. No.: 10/091,260 Atty Docket N. 61-215 Cust. No. 000570

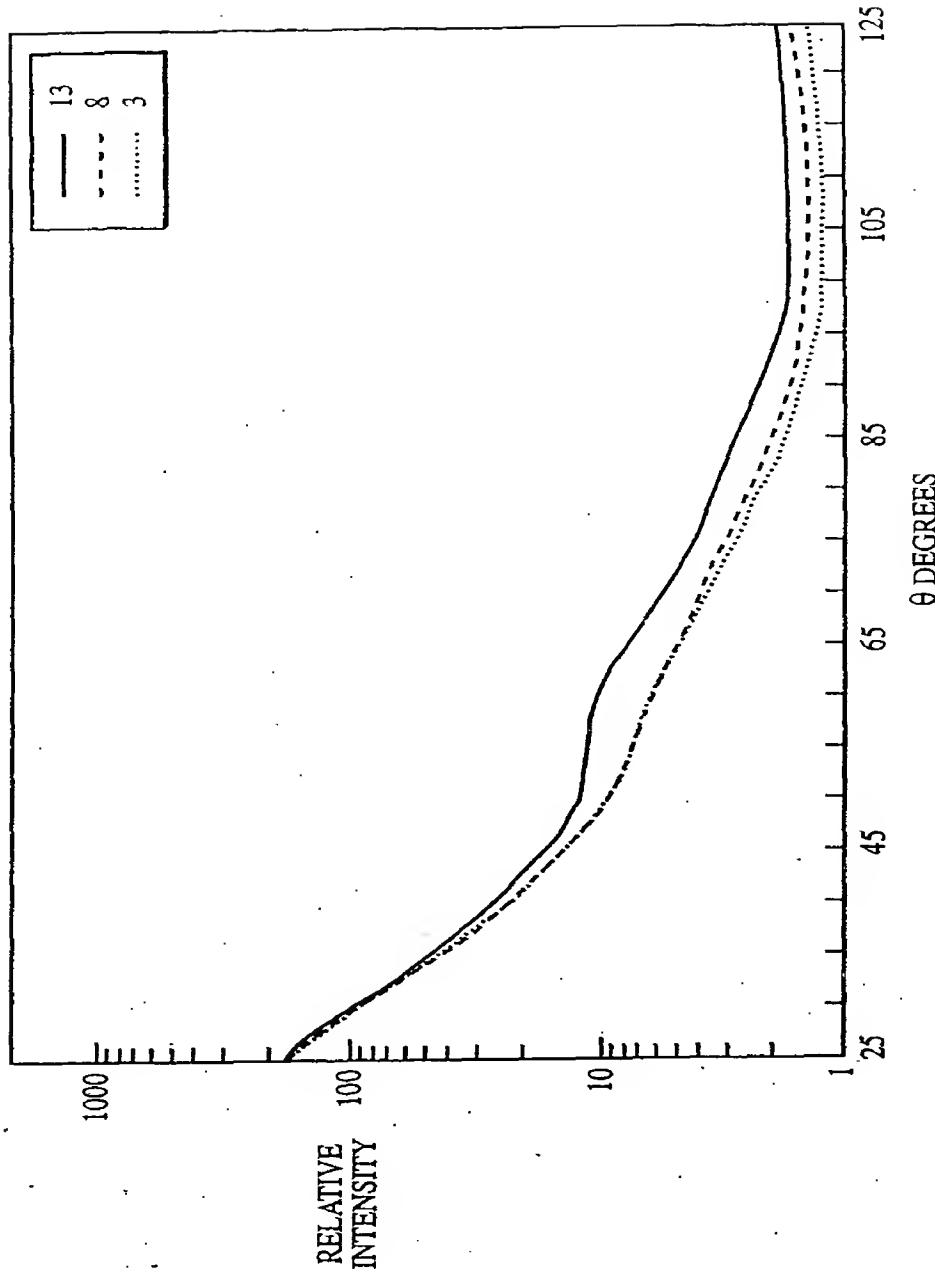


Fig. 4

Title: Methods, Compositions and Kits for Biological
Indicator of Sterilization Inventors: Ira Geffel
Atty Doc#: 61-215 Cust. No. 000570
Falkner, et al. Appln. No.: 10/091,260

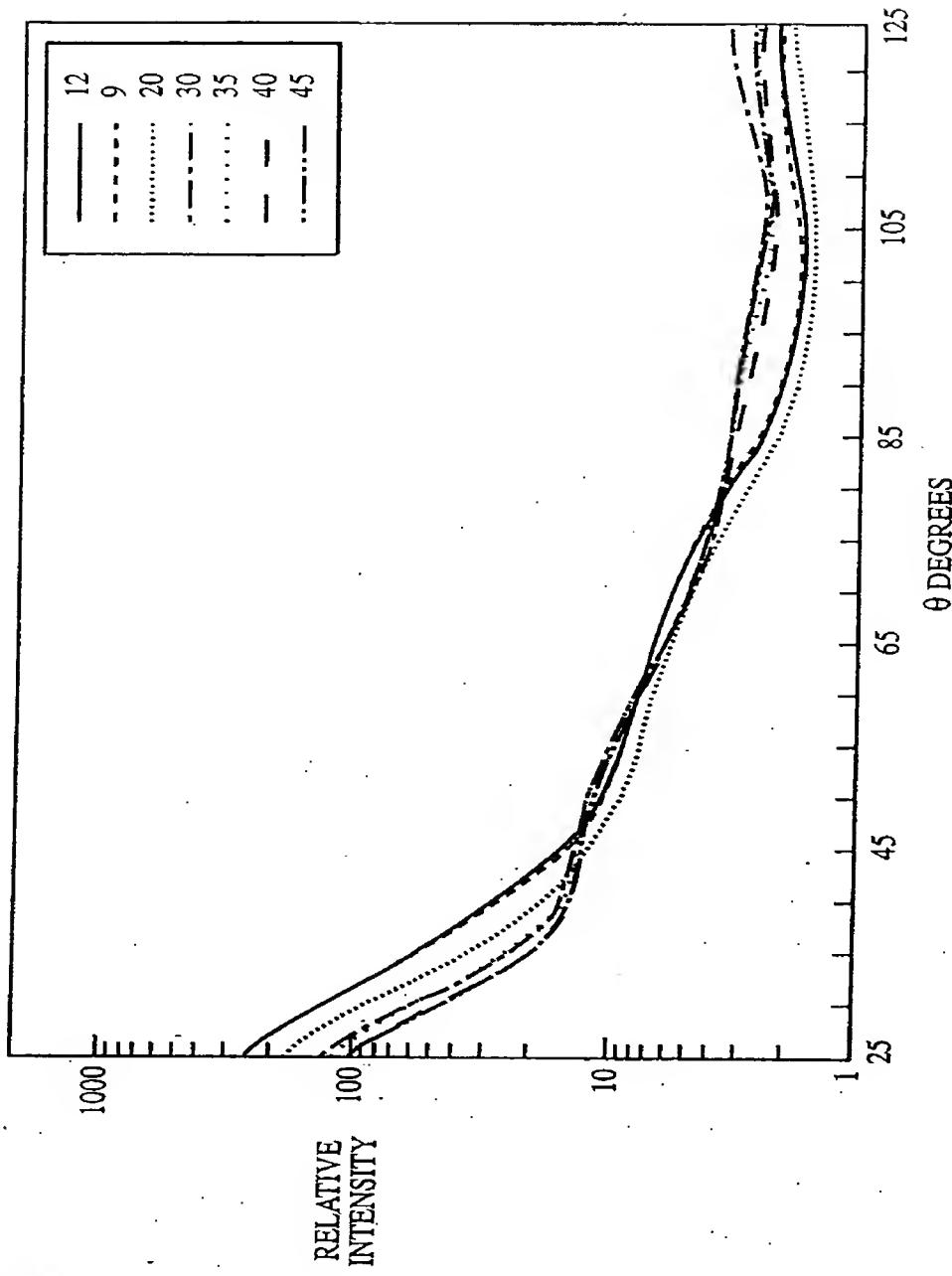


Fig. 5

Title: Methods, Compositions and Kits for Biological
Indicators of Sterilization Inventors: Ira C. Cell
Felicity, et al. Appln. No.: 10/091,260
Atty Doc#: 61-205 Cust. No. 000570

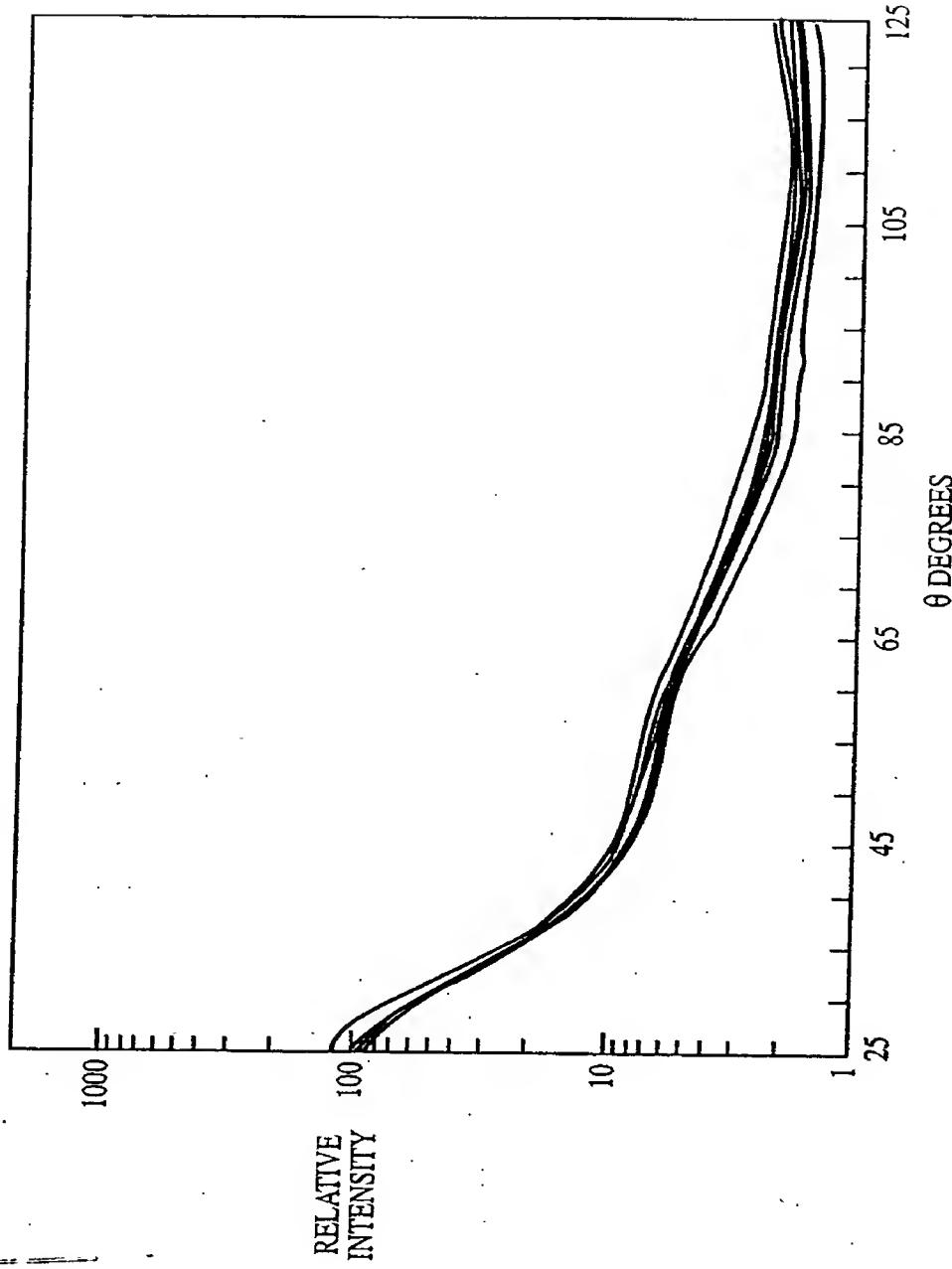


Fig. 6

Title: Methods, Compositions and Kits for Biological
Indicator of Sterilization Inventors: Ira Geel
Falkner, et al. Appln. No.: 10/091,260
Atty Docket No. 61-215 Cusl. No. 000570

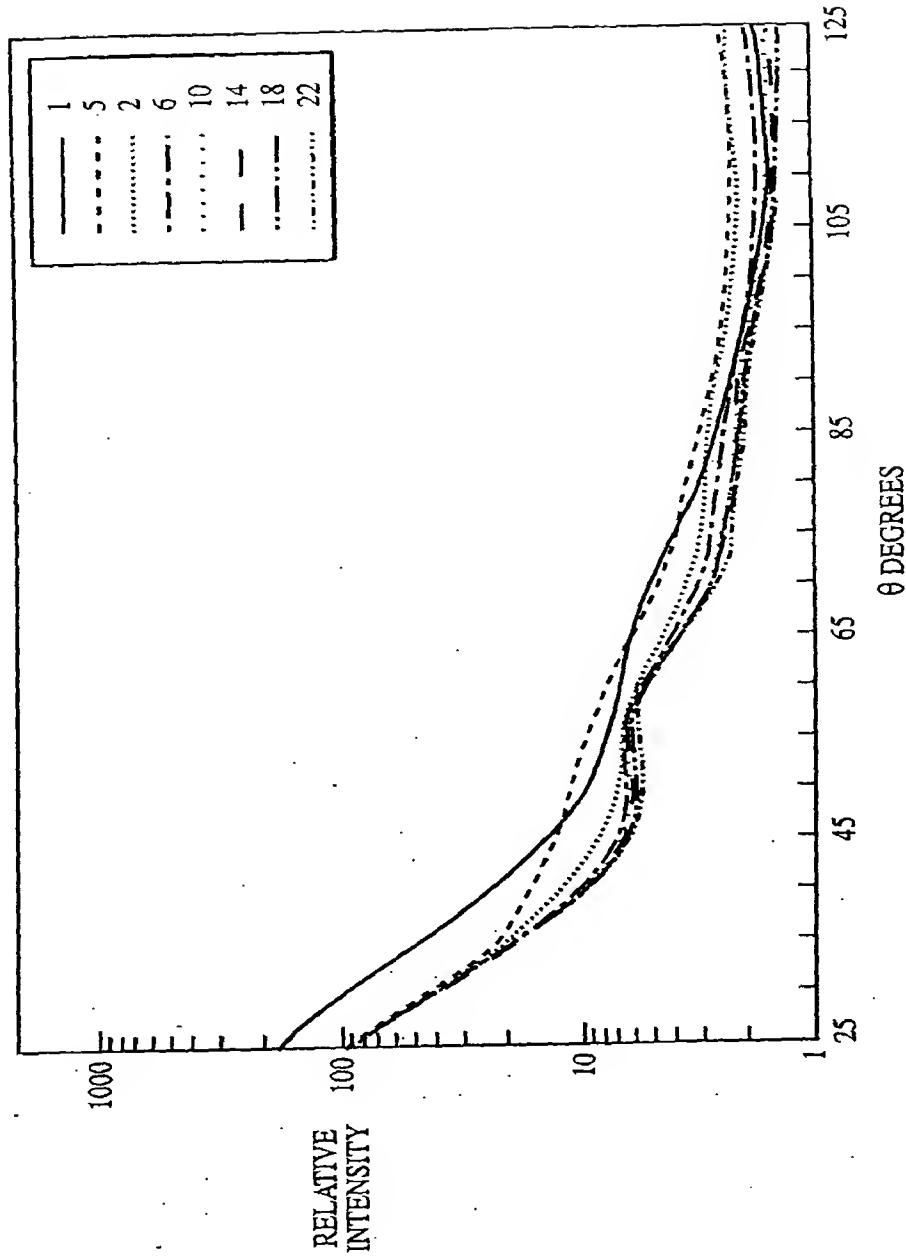


Fig. 7

Title: Methods, Compositions and Kits for Biological
Mediator of Sterilization Inventors: Ira Celi
Fellner, et al. Appln. No.: 10/091,260
Atty Doc#: 61-215 Cust. No. 000570



METHODS, COMPOSITIONS AND KITS FOR BILOGICAL

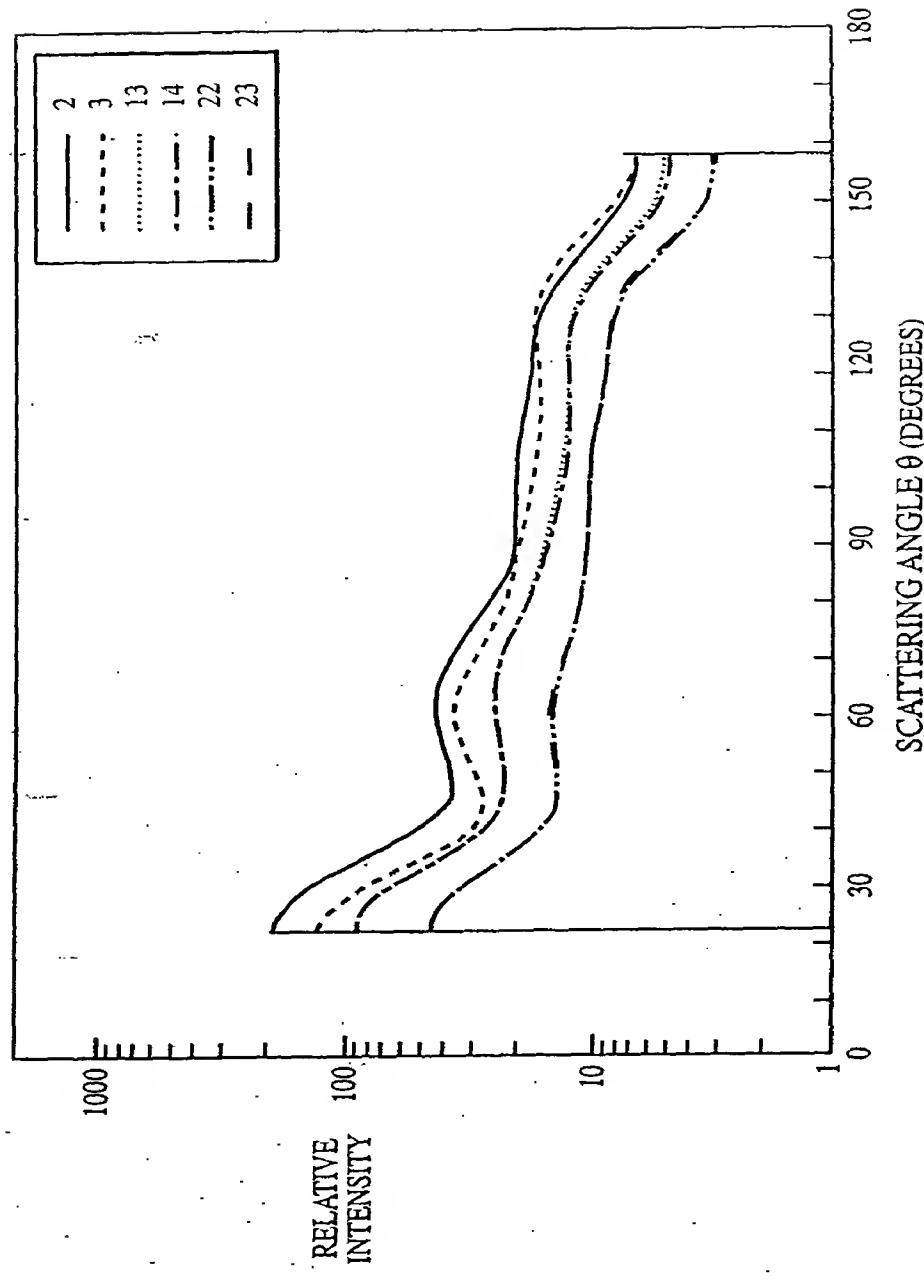


Fig. 8A

Title: Methods, Compositions and Kits for Biological
Indicators of Sterilization Inventors: Ira Gell
Fellerer, et al. Appln. No.: 10/091,260
Atty Docket No. 61-245 Cust. No. 000570

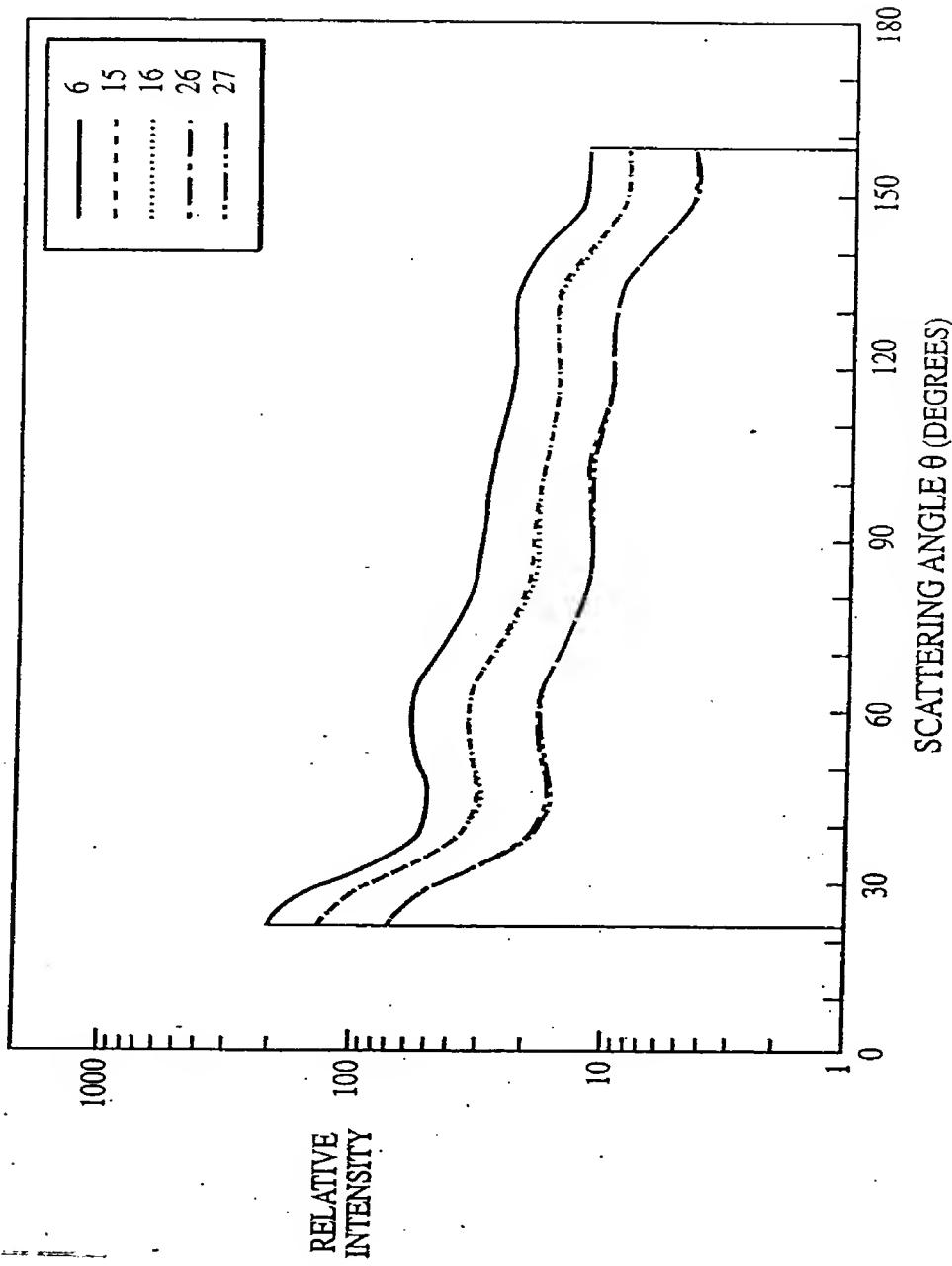


Fig. 8B



INSTITUTE OF PATENTS

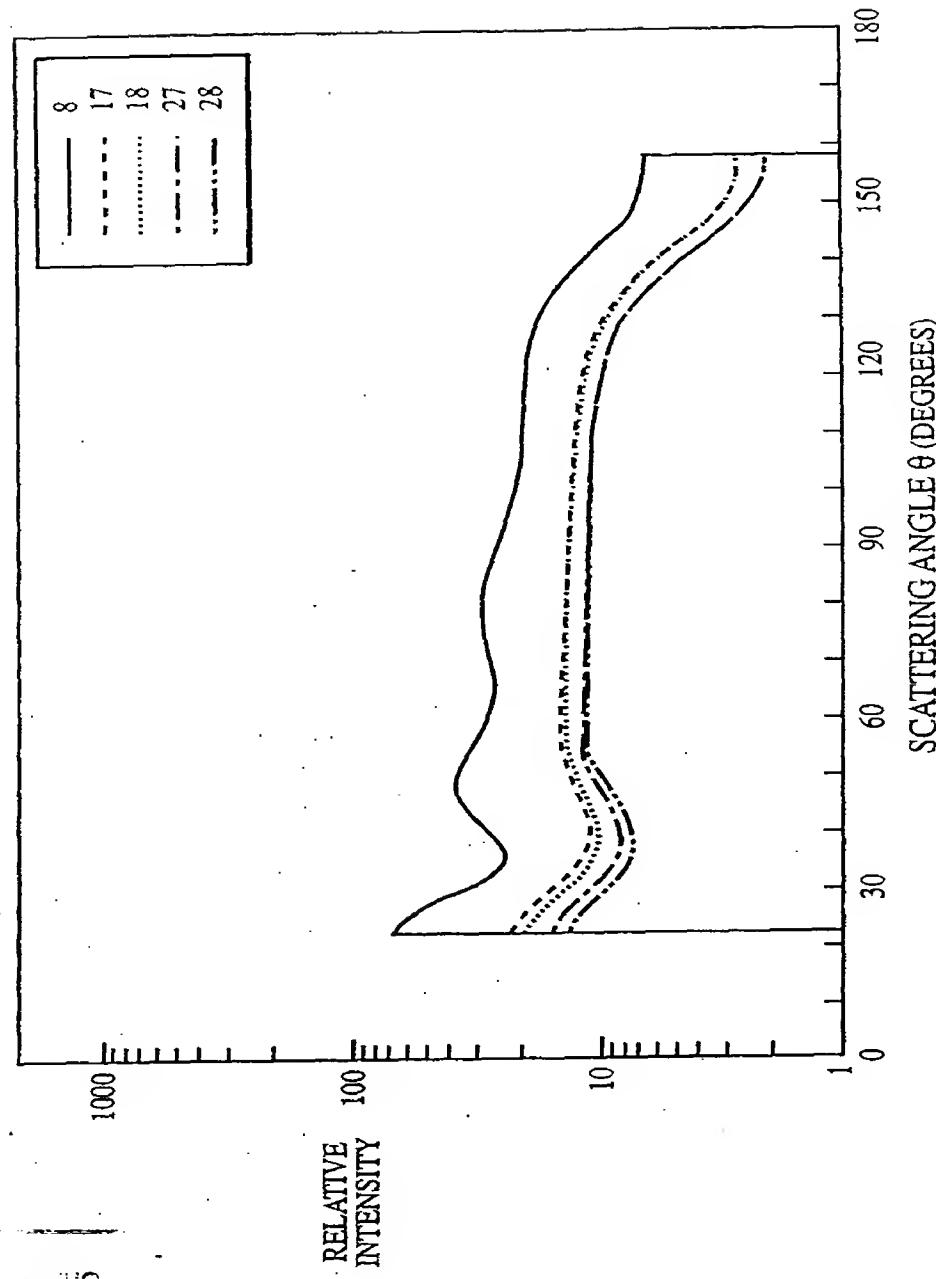
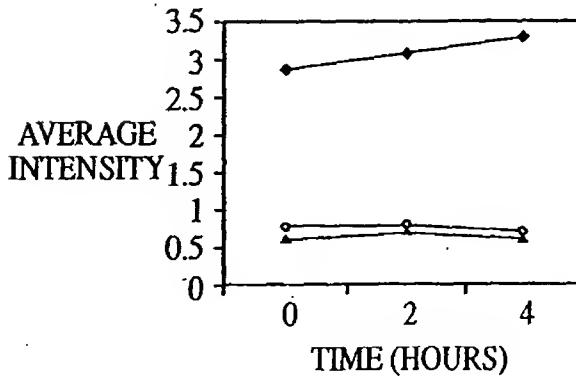
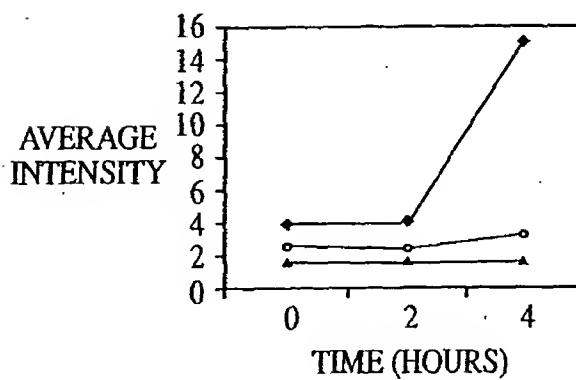
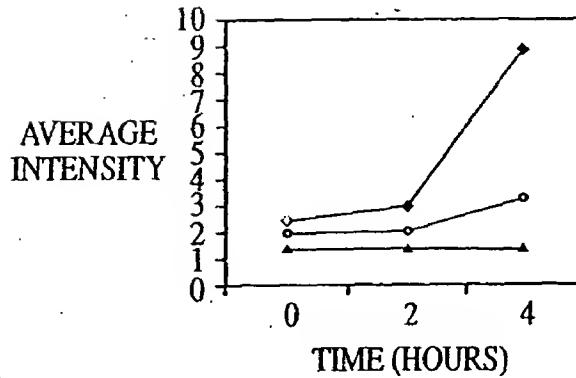


Fig. 8C

Title: Methods, Compositions and Kits for Biological
Indicator of Sterilization Inventor: Ira Gecil
Atty Docket No. 61-215 Cust. No. 000570
Fekner, et al. Appln. No.: 10/091,260



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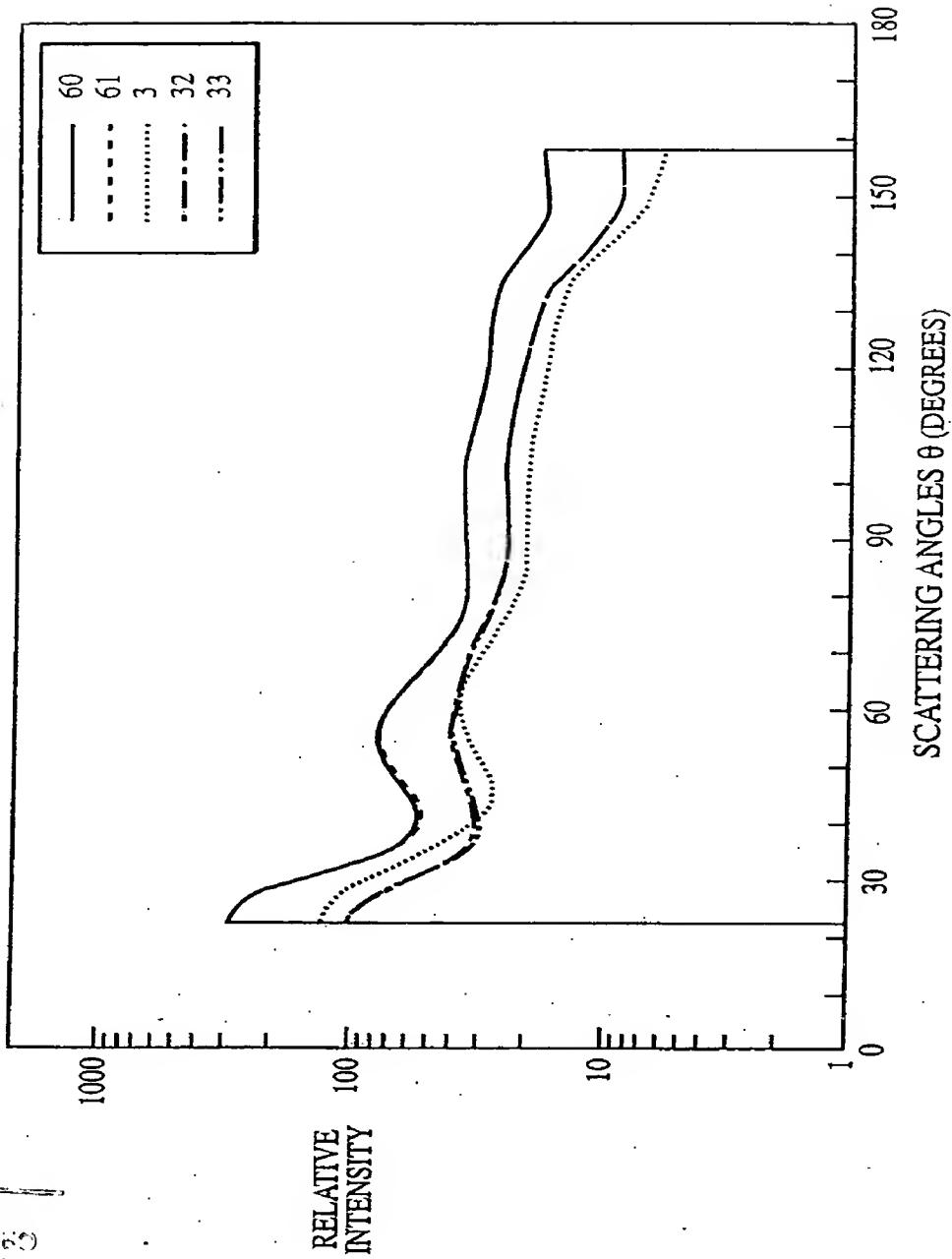


Fig. 10

Title: Methods, Compositions and Kits for Biological Indicator of Sterilization Inventors: Ira Geeli Felker, et al. Appln. No.: 10/091,260 Atty Docket No. 61-215-Gen. No. 000576

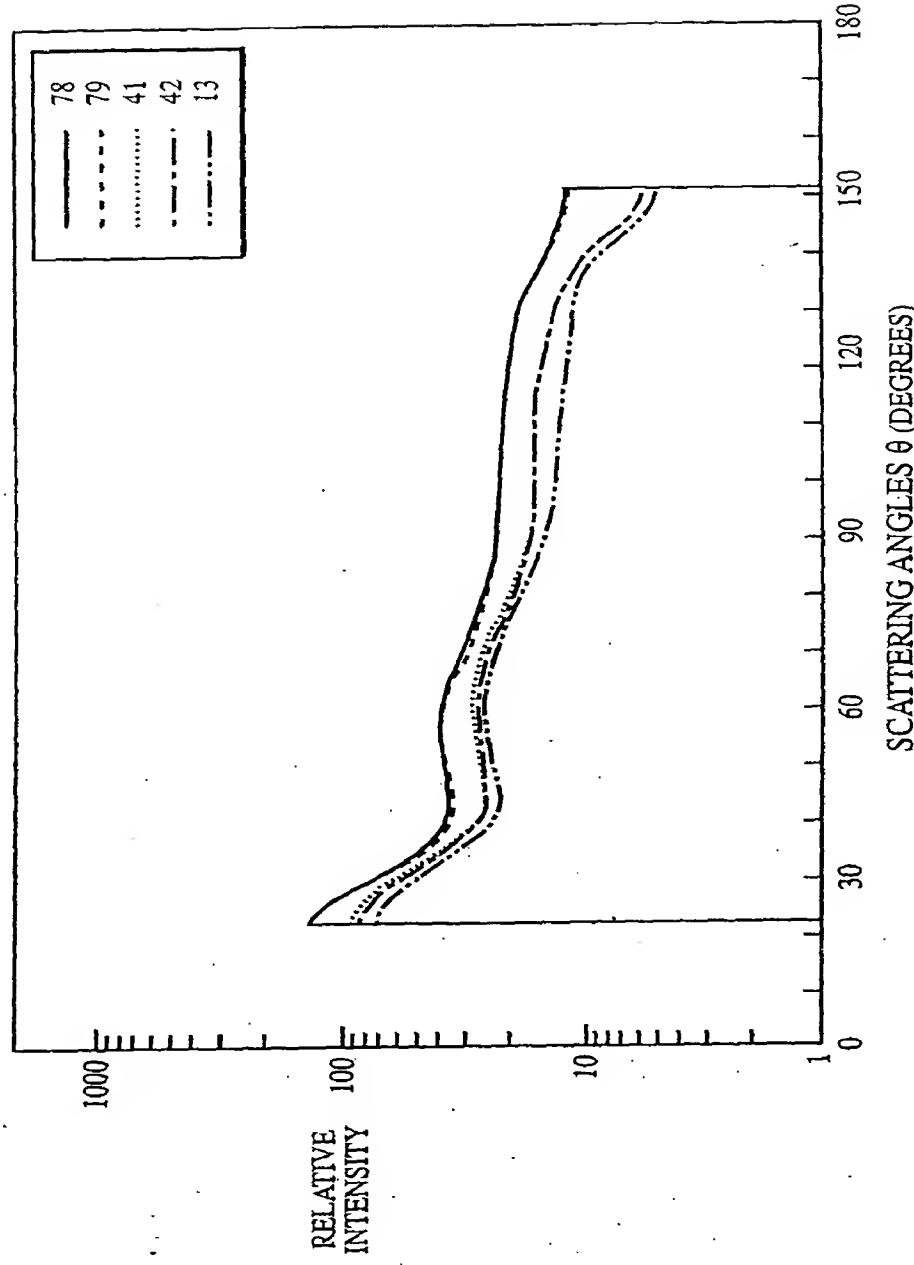


Fig. 11

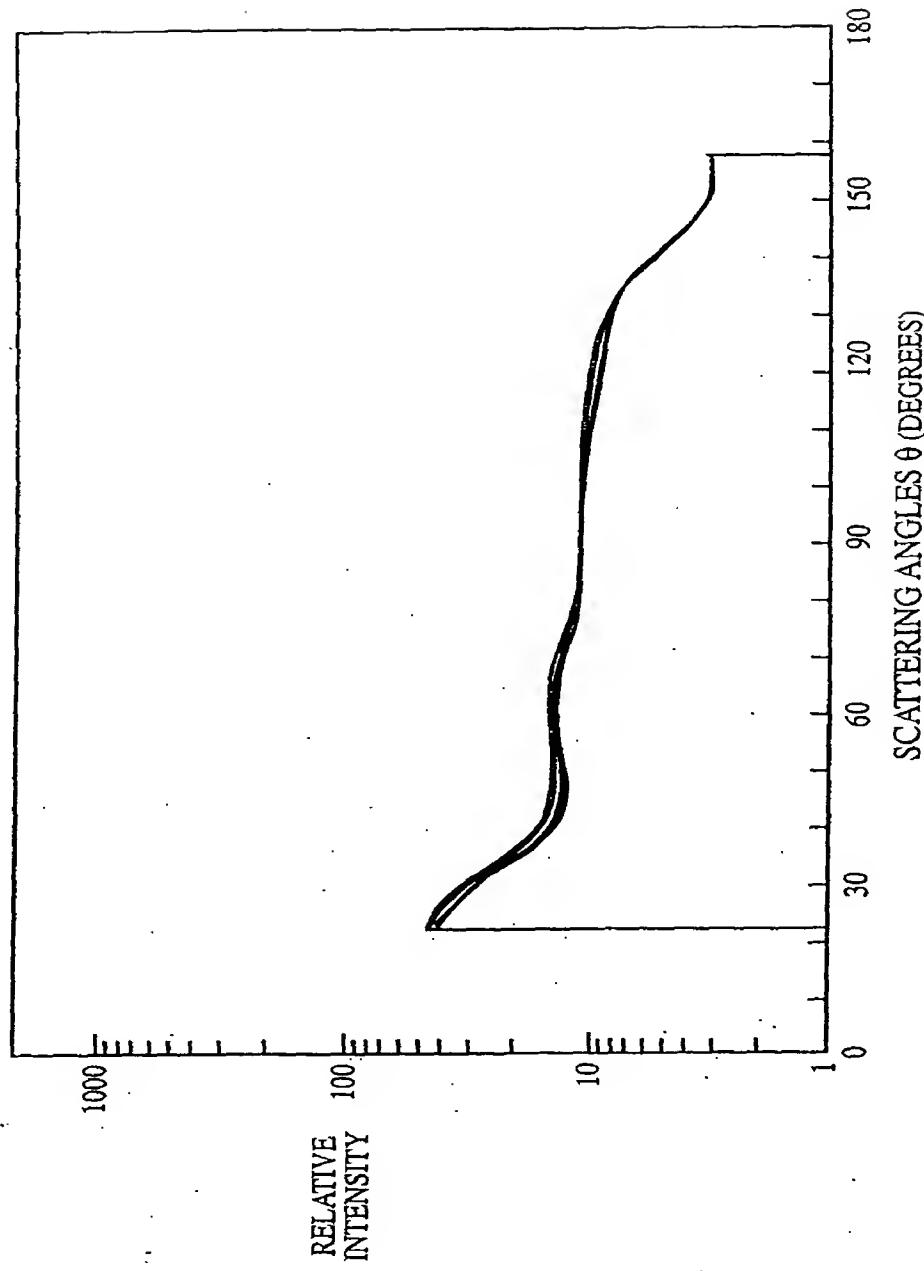
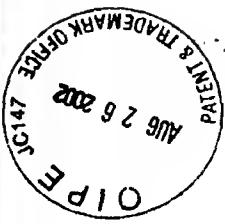


Fig. 12

Atty Docke No. 51-243 Cust. No. 000570
Feklner, et al. Appln. No. 10/091,260
Indicator of Sterilization Inventors: Ira Gecil
Title: Methods, Compositions and Kits for Biological



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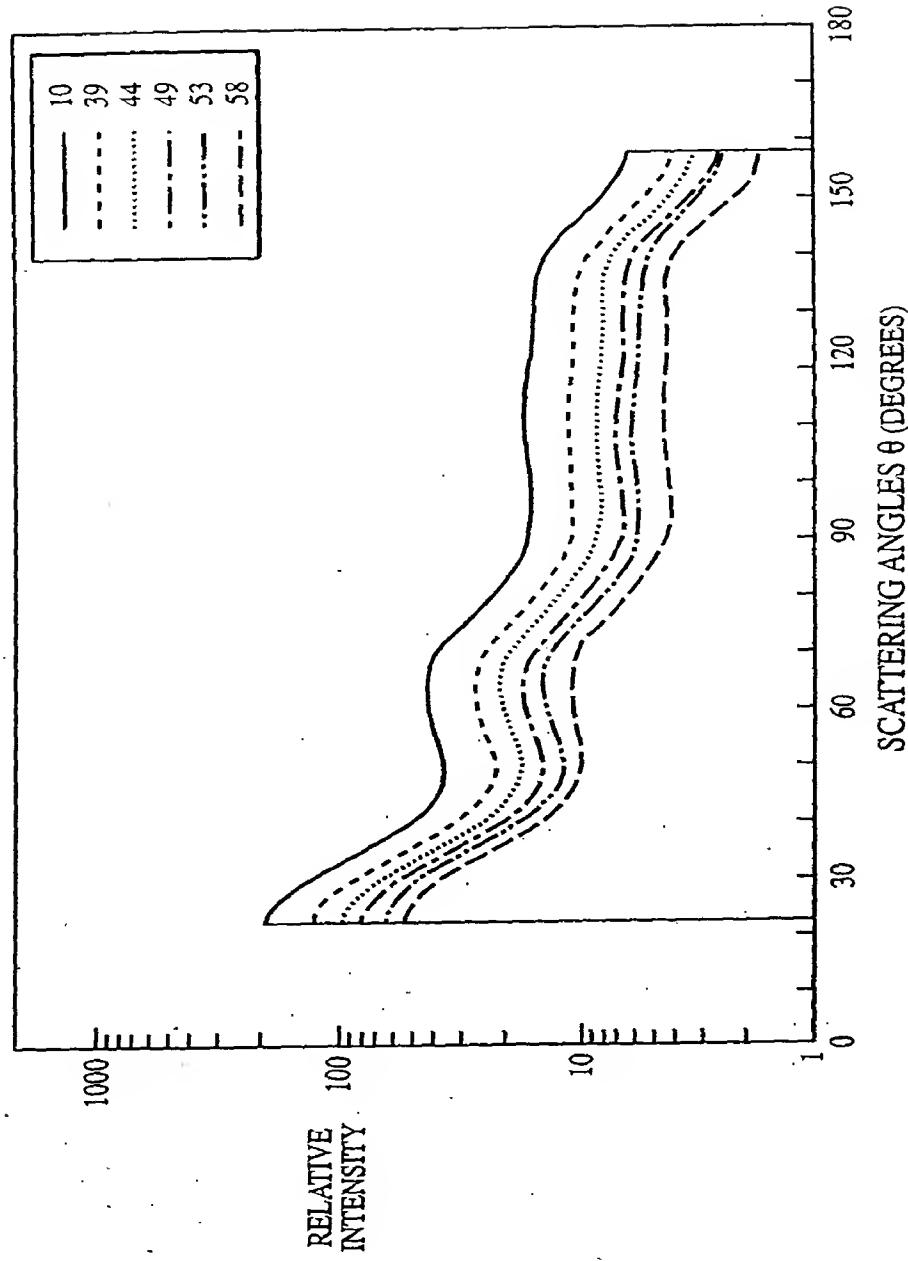


Fig. 13

Title: Methods, Compositions and Kits for Biological
Indication of Sterilization Inventors: Fra Cell
Fellner, et al. Appln. No.: 10/091,260
Atty Docket No. 53-225 Cust. No. 000570

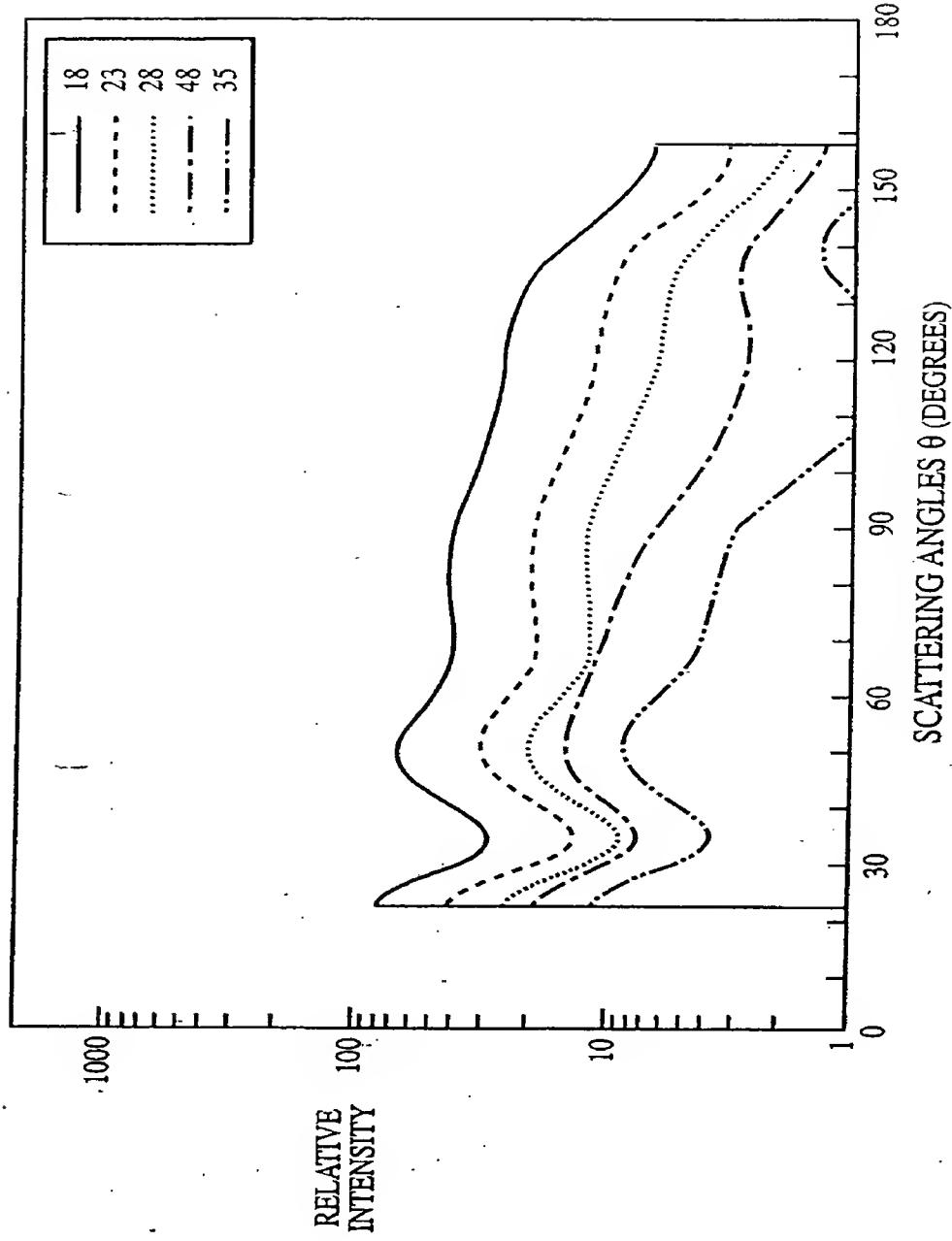


Fig. 14

Title: Methods, Compositions and Kits for Biological
Indicator of Sterilization Inventors: Ira Ceele
Feldman, et al. Appl. No.: 10/091,260
Atty Doc#: 61-245 Cust. No.: 000570

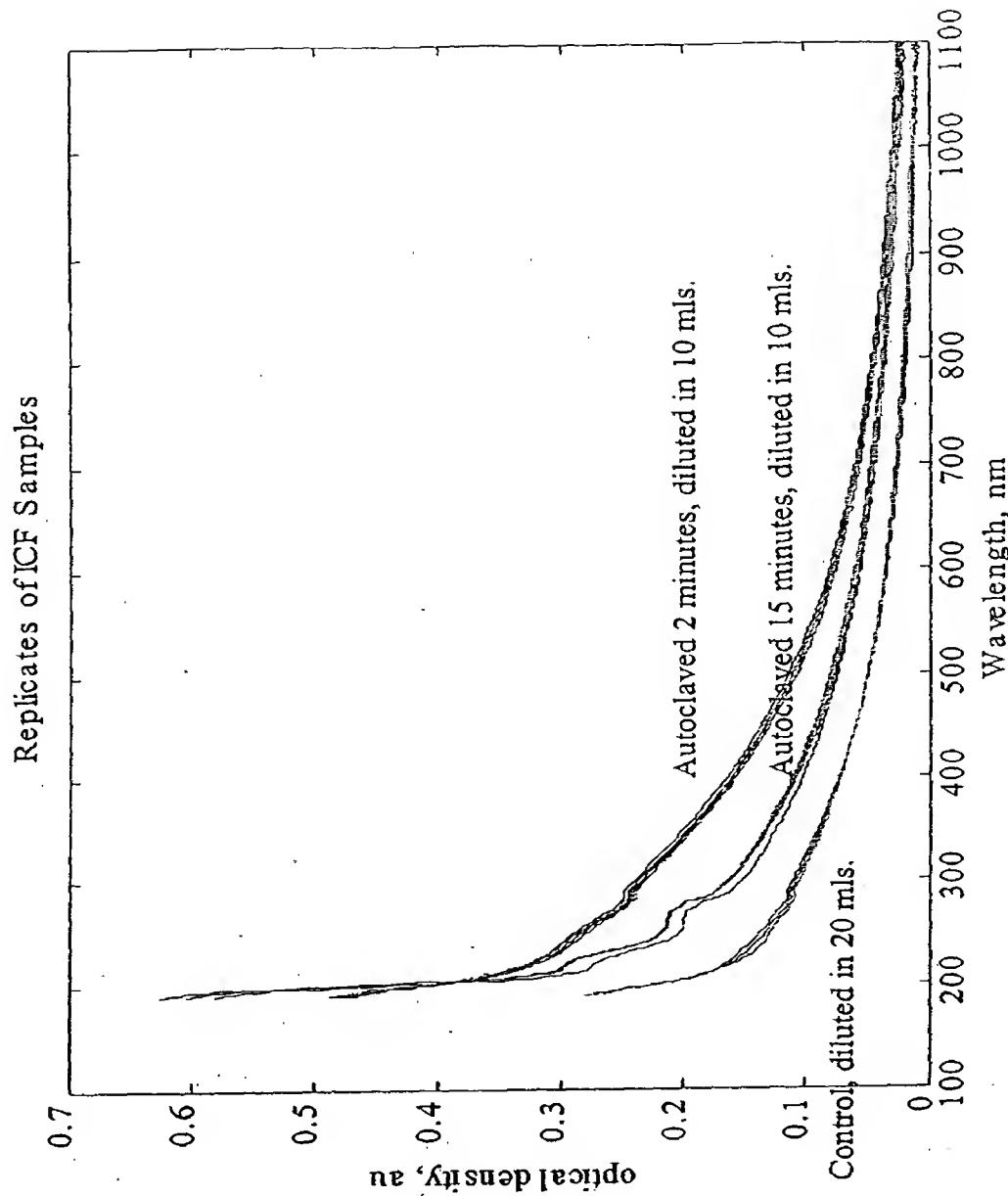


Fig. 15

Title: Methods, Compositions and Kits for Biological
Indicator of Sterilization Inventors: Ira Geel
Falkner, et al. Appln. No.: 10/091,260
Atty Docket No. 51-245 Cust. No. 000570

RESULTS PROBLEM No: Time 2 hours
 ESTIMATES FOR A SINGLE POPULATION
 Mie Average Diameter (cm) = 2.570334E-04 +/- 3.302753E-05
 Concentration (g/mL) meas. = 2.028209E-06
 Concentration (g/mL) calc. = 2.0282095E-06 +/- 2.261741E-07
 Particle No (#/mL) = 228110.500000

Residual sum of squares = 5.012901E-05
 Res. sum of squares (Norm) = 2.879399E-01
 Standard Dev. (Residuals) = 3.019001E-04
 Standard Dev. (Norm. Res) = 2.288071E-02

RESULTS PROBLEM No: Time 4 hours
 ESTIMATES FOR A SINGLE POPULATION
 Mie Average Diameter (cm) = 1.969644E-04 +/- 1.826982E-06
 Concentration (g/mL) meas. = 3.055250E-05
 Concentration (g/mL) calc. = 3.055250E-05 +/- 2.933861E-07
 Particle No (#/mL) = 7636334.000000

Residual sum of squares = 5.679470E-03
 Res. sum of squares (Norm) = 2.113989E-01
 Standard Dev. (Residuals) = 3.213458E-03
 Standard Dev. (Norm. Res) = 1.960514E-02

RESULTS PROBLEM No: Time 3 hours
 ESTIMATES FOR A SINGLE POPULATION
 Mie Average Diameter (cm) = 2.672413E-04 +/- 7.599205E-06
 Concentration (g/mL) meas. = 9.346907E-06
 Concentration (g/mL) calc. = 9.346907E-06 +/- 2.200983E-07
 Particle No (#/mL) = 925316.800000

Residual sum of squares = 2.789136E-03
 Res. sum of squares (Norm) = 7.187017E-01
 Standard Dev. (Residuals) = 2.251923E-03
 Standard Dev. (Norm. Res) = 3.614872E-02

RESULTS PROBLEM No: Time 5 hours
 ESTIMATES FOR A SINGLE POPULATION
 Mie Average Diameter (cm) = 1.403328E-04 +/- 1.859756E-06
 Concentration (g/mL) meas. = 2.712445E-05
 Concentration (g/mL) calc. = 2.712445E-05 +/- 4.164035E-07
 Particle No (#/mL) = 1.864516E+07

Residual sum of squares = 9.585535E-04
 Res. sum of squares (Norm) = 8.134952E-02
 Standard Dev. (Residuals) = 1.320161E-03
 Standard Dev. (Norm. Res) = 1.216175E-02

Fig. 16



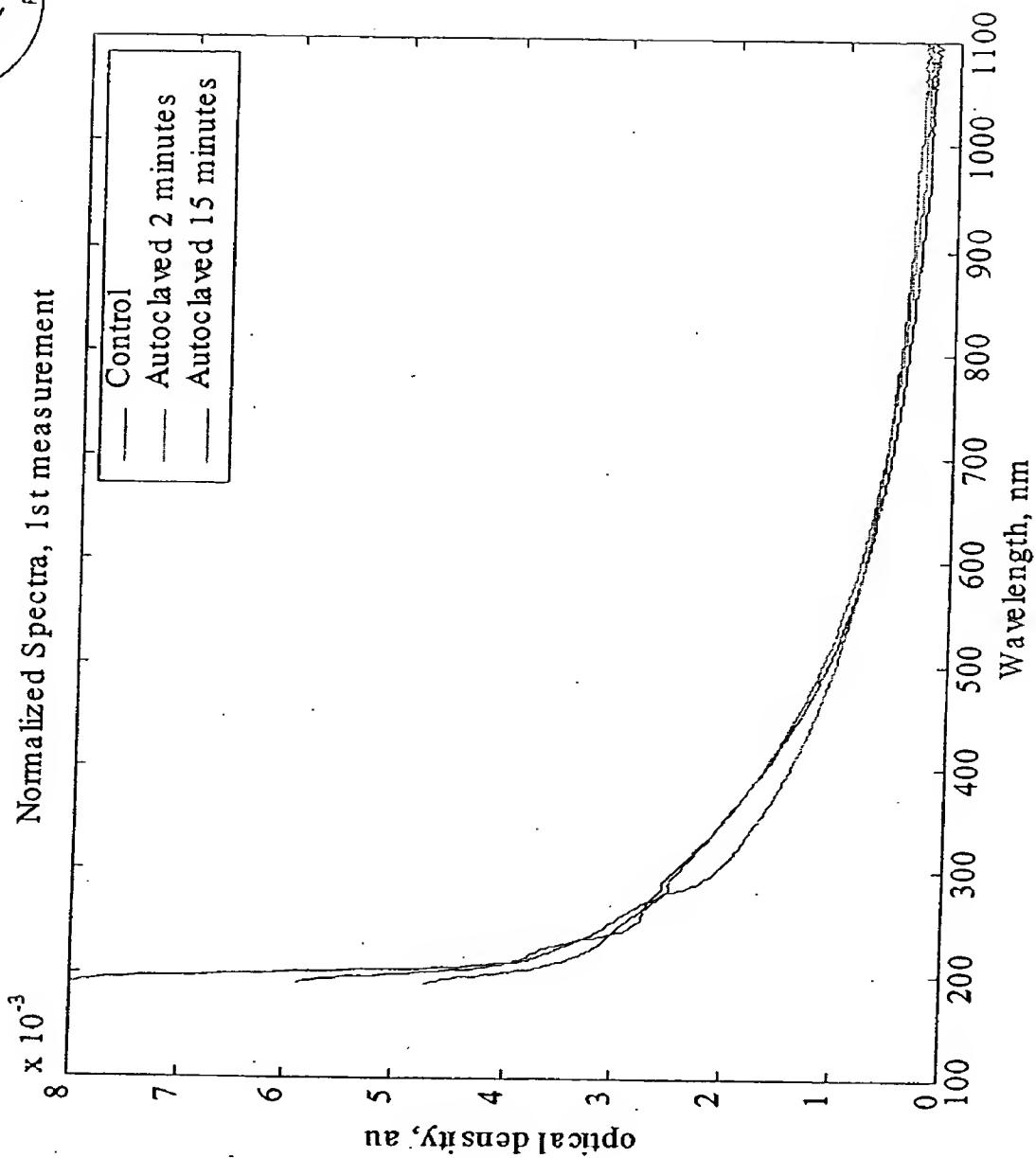


Fig. 17

Title: Methods, Compositions and Kits for Biological
Indicator of Sterilization Inventors: Ira C. Celi
Flekker, et al. Appl. No.: 10/091,260
Atty Docket No. 61-2U5 Cust. No. 000570

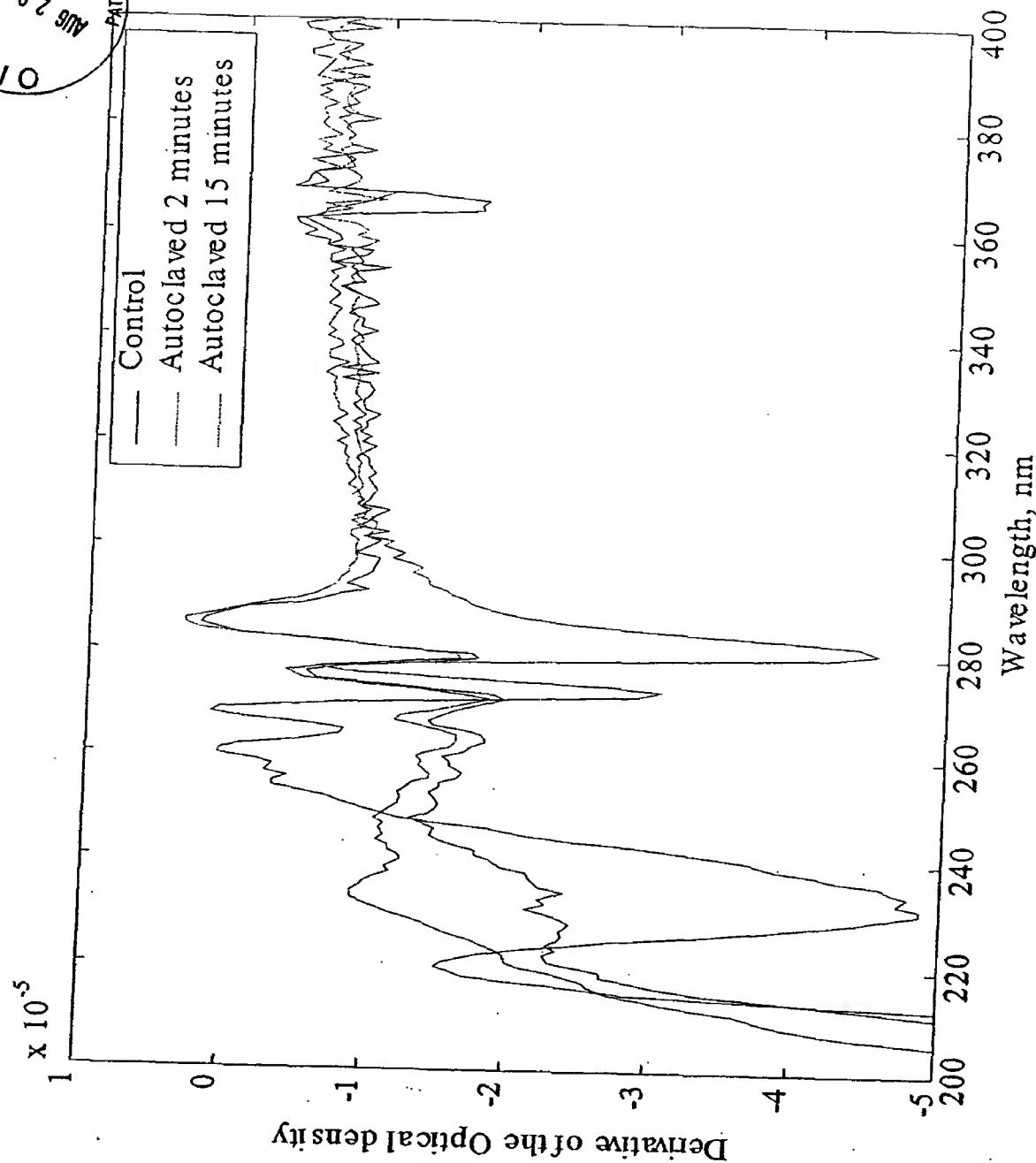


Fig. 18

Atty Docket No. 61-245 Cust. NC. 000570
Fleikner, et al. Appl. No.: 10/094,260
Inventor of Sterilization Inventors: Ira Cell
Title: Methods, Compositions and Kits for Biological



Fractionation Curve of *B. subtilis* in 0.42% NaCl Solution

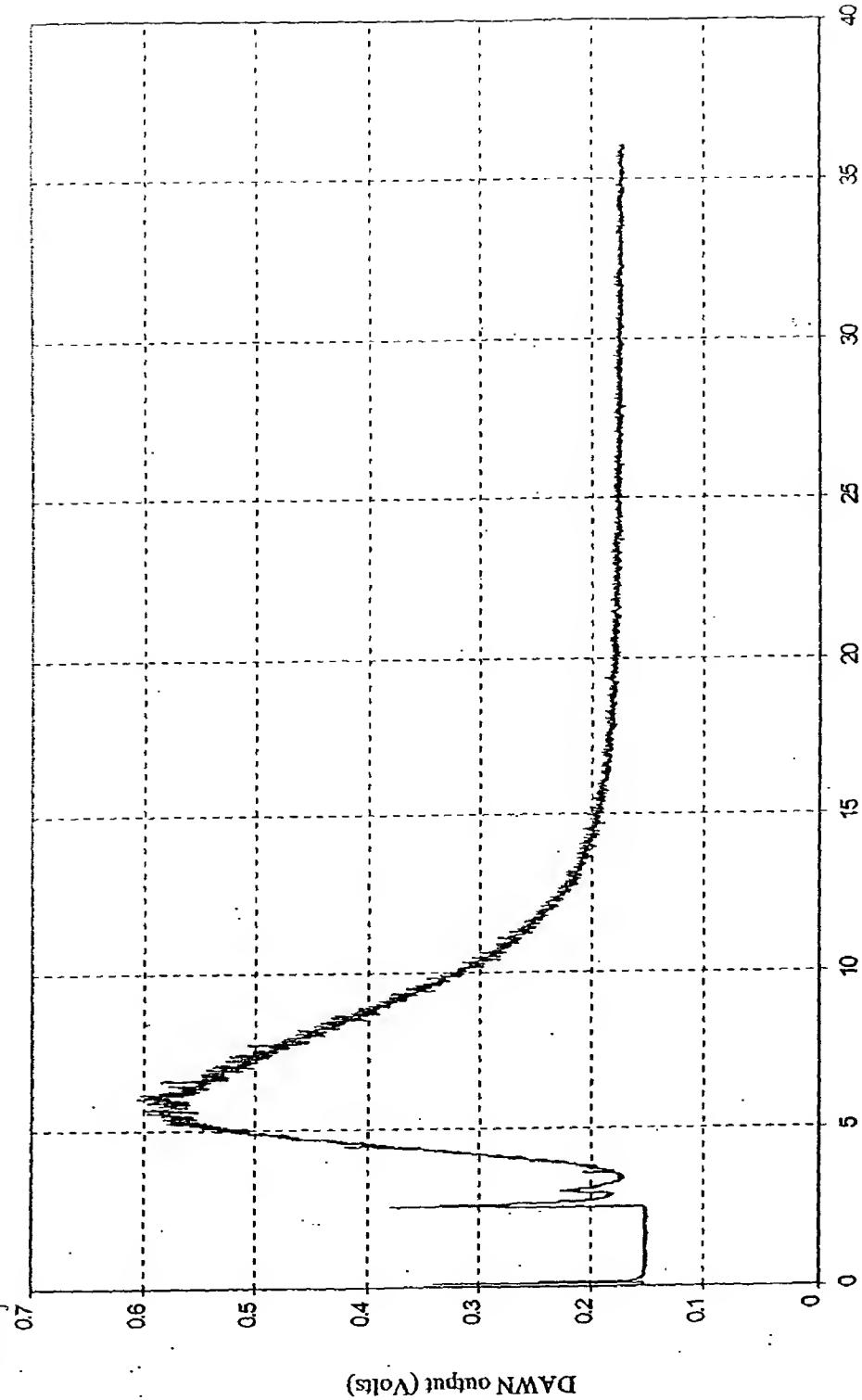


Fig. 19

Title: Methods, Compositions and Kits for Biological
Indicator of Sterilization Inventors: Ira Geel
Felicter, et al. Appln. No.: 10/091,260
Art. Doc. No. 61-215 Cstl. No. 000570



Rayleigh Ratio vs. Angles from DAWN -- B.subtilis

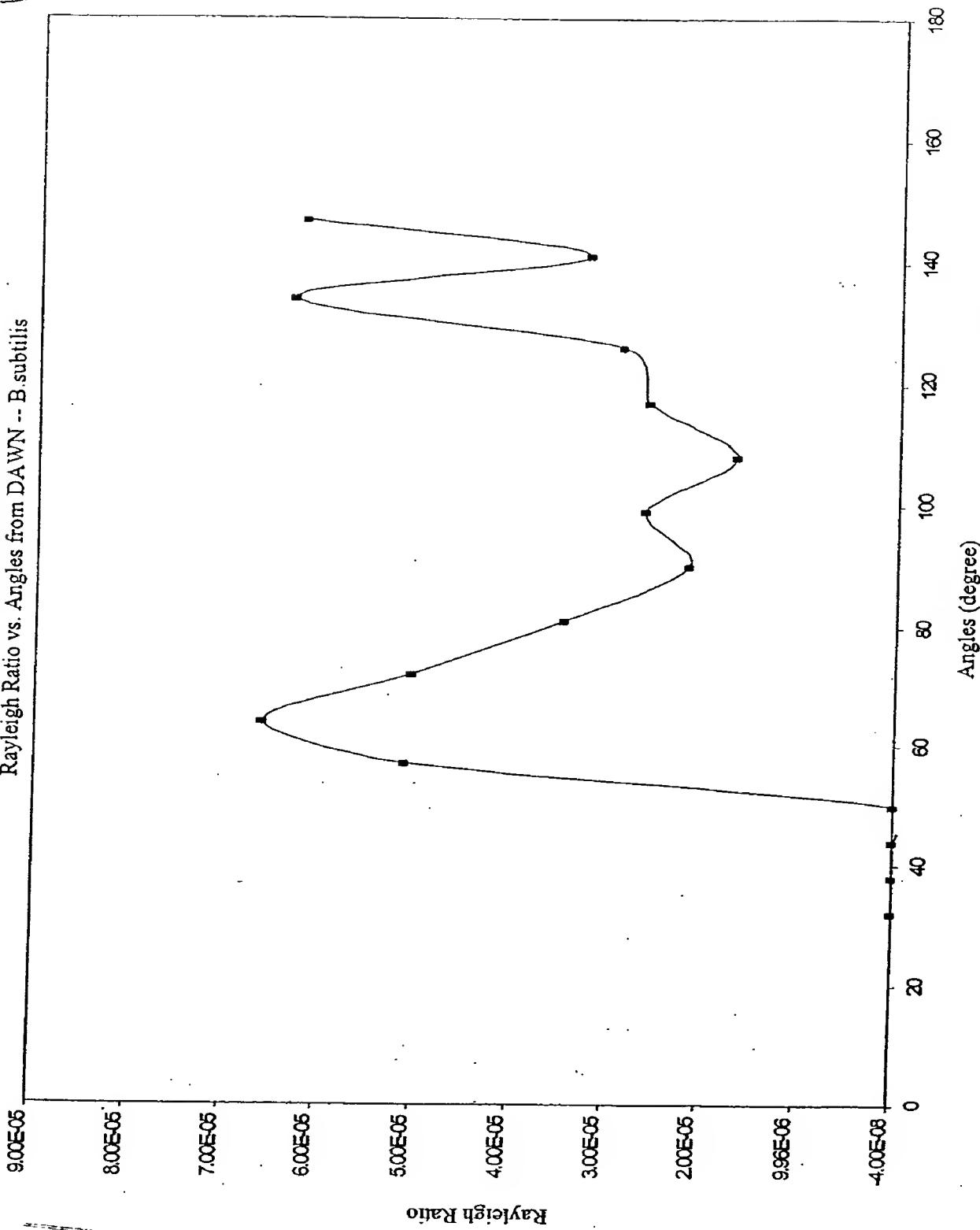


Fig. 20

Title: Methods, Compositions and Kits for Biological Indicator of Sterilization Inventors: Ira C. Felchner, et al. Appln. No.: 10/091,260 Atty Docket No. 61-215 Cust. No. 000570



Polar plot of *B. globigii*

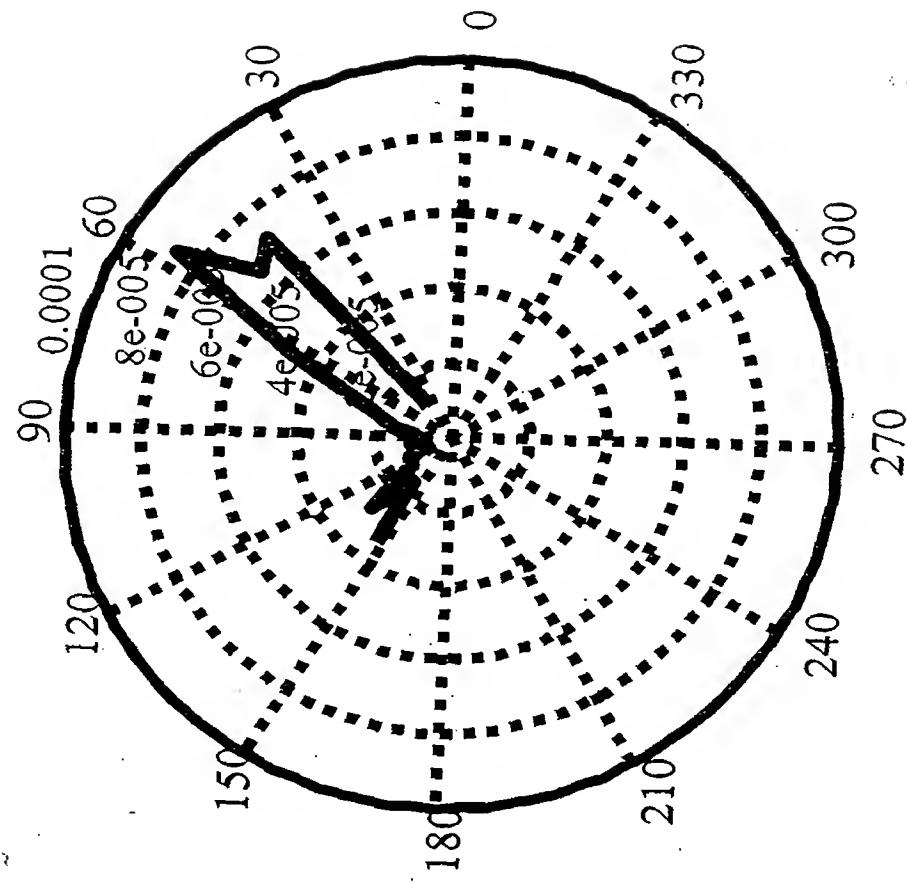


Fig. 21

Title: Methods, Compositions and Kits for Biological
Indication of Sterilization Inventors: Ira C. Geel
Atty. Docket No. 51-245 Dus. No. 600570
Flechner, et al. Appln. No. 10/091,260

Polar plot of *B. subtilis*

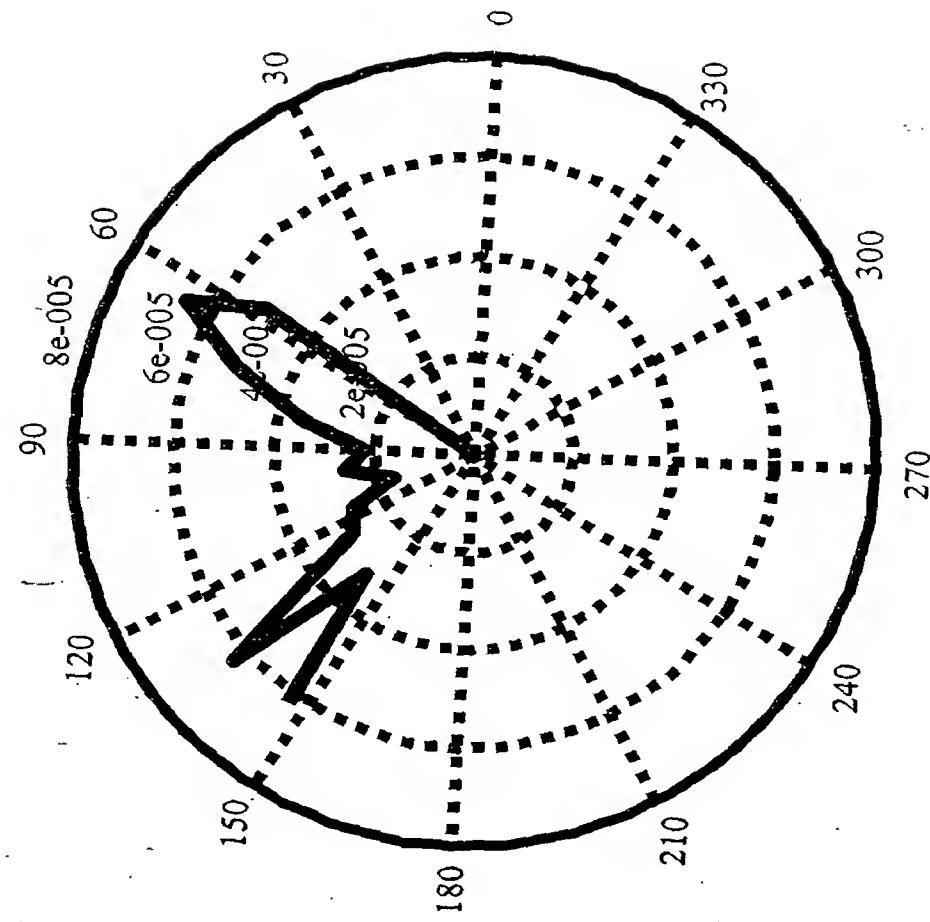


Fig. 22

Priority Document No. 61-215 Cust. No. 000570
Fellner, et al. Appln. No. 10/091,260
Indicator of Sterilization Inventors: Ira Geil
Title: Methods, Compositions and Kits for Biological



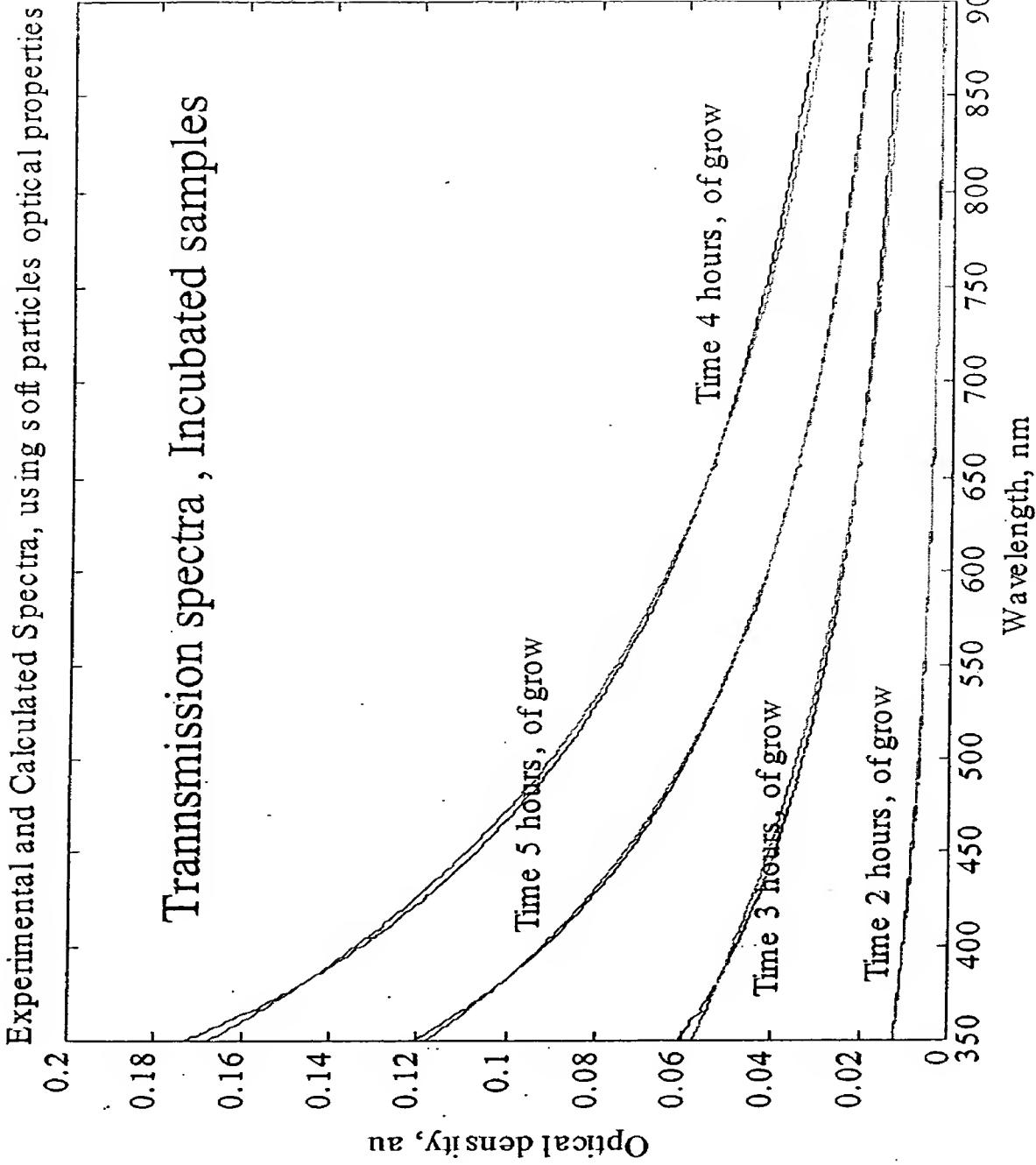


Fig. 23

Title: Methods, Compositions and Kits for Biological
Indicator of Sterilization Inventors: Ira Ceeil
Felicner, et al. Appln. No.: 10/091,260
Atty Doc#: 61-245 Cust. No. 000570